



## Top sealer WR 7000-SB

### Product Description

A solvent based Silane Siloxane water repellent sealer that penetrates deep into the surface where it chemically reacts to form a hydrophobic barrier within the pores. The hydrophobic barrier, which can last for up to 10 years, will reduce surface water absorption by up to 95%. Surfaces sealed with the Aquatic Shield SB instantly become more resistant to the damaging effects of water absorption, such as cracking, spelling, pitting, freeze thaw and ice damage, staining, mold and mildew growth, and the formation of efflorescence.

### Product uses:

- Concrete Surfaces.
- Exposed aggregate concrete.
- Pavers.
- Natural stone.
- Mortar & Grout.
- Garage floors.
- Driveways and walkways.
- Pool decks and patios.
- Retail floors & Warehouse floors.
- Retainer walls

### Properties

- Will maintain the natural, unsealed look and feel of the substrate
- Will reduce deterioration caused by water absorption such as cracking, spelling, pitting, staining.
- Reduce the formation of efflorescence.
- Will reduce freeze-thaw and salt damage.
- Will reduce the movement of moisture through the concrete pores.
- Will reduce the formation of mold and mildew.

### TECHNICAL PROPERTIES

<i>Appearance/Color</i>	Transparent
<i>Water Absorption%:</i>	0.3 %
<i>Theoretical spreading:</i>	10 M <sup>2</sup> / liter. (on natural stone) 5 M <sup>2</sup> / liter (on cement surfaces.)
<i>Specific gravity:</i>	0.75 kg/liter.
<i>Surface dry:</i>	8-10 approx. Minute(s) 20°C/68°F.
<i>Hard Dry:</i>	30 – 40 minute (s) 20°C/68°F.
<i>Open time:</i>	2 hours (23°C and 50% R.H.)
<i>Surface dry:</i>	1 - 2 approx. hour(s) 23°C/73.4°F 50% R.H
<i>Application temperature:</i>	+8 °C/46.4° F and +35 °C/ 95°F
<i>Min. cure temperature:</i>	+10°C/50°F



## Application Details

<i>Application method:</i>	Brush / Roll / Airless Spray
<i>Thinner:</i>	Do not thin
<i>Thinner Amount:</i>	Do not thin

## Surface Preparation:

For professional use only. Surface must be clean, dry and free from traces of dirt, grease, oil, dust, organic growth and any other contaminate that may interfere with the penetration or reaction of the Aquatic Shield. Surface temperatures must be above 40°F/4°C and remain above 40°F/4°C for a minimum of 24 hours. Use as supplied. Do not dilute with water or any other solvents. Always apply a test patch in an inconspicuous area and confirm the results are acceptable for continuing. Use this test patch to determine adequate coverage levels. Protect greenery from over spray.

Aquatic Shield is best applied with a low pressure sprayer. A common garden sprayer is adequate for most jobs. Airless spray equipment is more efficient for larger projects. Can also be applied by mop, flooding and squeegee, broom, brush or roller. Apply two coats at the recommended rates of coverage. Do not allow product to pool on the substrate surface.

IMPORTANT: treated surfaces will begin to develop water repellency soon after the initial application of Aquatic Shield has dried. Since Aquatic Shield is water-based it is necessary to apply the second coat immediately after the first coat is dry, so that the second coat will not be repelled by the first. This may mean that large projects will need to be completed in sections.

## PRECEDING COAT:

Non

### Important Remarks:

- Surfaces must have enough structural strength.
- Concrete should have minimum of 25 N/mm<sup>2</sup> compression resistance and minimum 1, 5 N/mm<sup>2</sup> tensile strength.
- Applications below 10°C should be avoided.
- High temperatures lower the pot life of the product, while low temperatures extend cure time and consumption.
- Be careful about product mixing ratios.
- The surface should be protected from moisture and rain for 8-10 hours after application.
- All application tools and equipment should be cleaned with thinner immediately after the use. Cured material can only be removed mechanically.
- Use only where application and drying can proceed at temperatures above: 10°C/50°F. The temperature of paint itself should be 15°C/59°F or above. Apply only on a dry and clean surface with a Temperature above the dew point to avoid condensation. In confined spaces provide adequate ventilation during application and drying.



### ***Shelf life & Storage:***

18 months from date of production if stored properly in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5°C and +30°C.

### ***Safety:***

For information and precautions on the safe handling, transportation storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

### ***Legal Notice:***

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